



MINOS+ Status Report



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All Experimenters' Meetings
June 16 , 2014



Near Detector

Very good running for the past week

- Replaced
 - hot channel 7-15-3-8 Minder
 - whole hot Minder 7-14-0during last Tuesday's beam downtime



- Power Glitch at 5:00 am on Tuesday, June 10
 - DCS page reported “Stale Data” warnings and that “ACNET xmlrpc interface on dce34 is broken”
 - MCR said dce34 was reading and polling but link to the reading was down due to the power outage
 - Discovered that ND magnet was OFF around 10:00 am
 - Made access underground, reset faults and powered magnet back on
 - In the future, we'll check the Magnet status on ACNet pages when DCS cannot read back devices
 - Glad there was no beam



Far Detector



Very good running for the past week



- One CI (Charge Injection) Flat channel 14-0-4-0-0:
 - Investigated during last Tuesday's beam downtime:
 - One dead pixel on a PMT base
 - Will NOT replace the base
- Replaced remaining faulty UPS units during last Tuesday's beam downtime
 - ***ALL*** UPS units are now either refurbished or new
- Did a Dynode scan and updated the dynodes thresholds values (crucial to optimize detector performance and minimize dead-time due to noisy channels)



ND/FD general



- Both ND and FD are running BlueArc-free
- Tentatively scheduling a Network Isolation test for both ND and FD during the next Booster Cavity replacement (~ July 8)



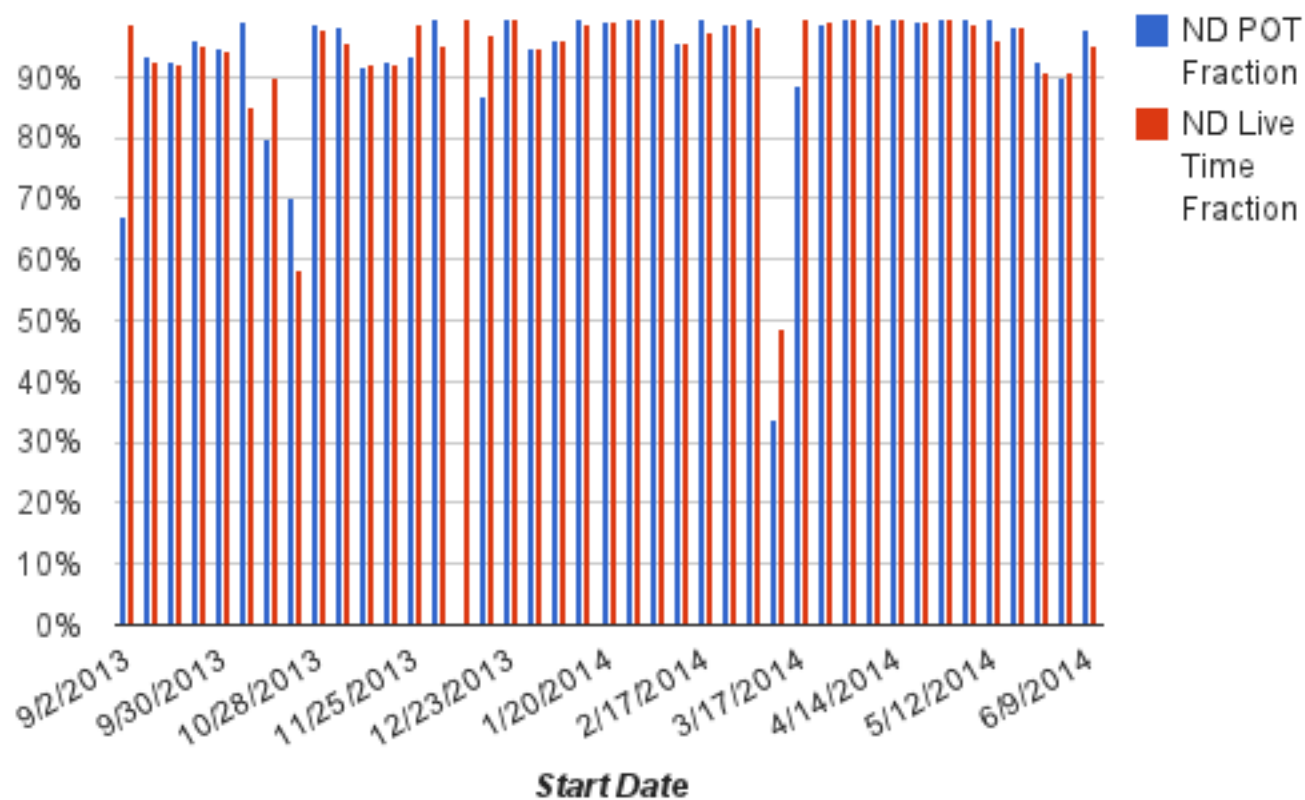
MINOS+ Status



Start Date/Time	End Date/Time	Near Detector		Far Detector	
		POT Fraction	Live Time Fraction	POT Fraction	Live Time Fraction
3/03/14 00:00:00	3/10/14 00:00:00	99.8%	98.0%	88.0%	84.2%
3/03/14 00:00:00	3/17/14 00:00:00	33.6%	48.5%	79.8%	99.1%
3/17/14 00:00:00	3/23/14 12:00:00	88.6%	99.4%	88.4%	99.3%
3/23/14 00:00:00	3/30/14 00:00:00	98.9%	99.3%	98.3%	94.1%
3/31/14 00:00:00	4/7/14 00:00:00	99.6%	99.5%	87.6%	91%
4/7/14 00:00:00	4/14/14 00:00:00	99.7%	98.5%	94.3%	93.2%
4/21/14 00:00:00	4/28/14 00:00:00	99.3%	99.2%	99.1%	98.5%
4/28/14 00:00:00	5/5/14 00:00:00	99.6%	99.4%	99.8%	99.9%
5/5/14 00:00:00	5/12/14 00:00:00	99.5%	98.7%	99.8%	98.1%
5/12/14 00:00:00	5/19/14 00:00:00	99.6%	96%	99.7%	93.3%
5/19/14 00:00:00	5/26/14 00:00:00	98.3%	98.4%	97.5%	97.8%
5/26/14 00:00:00	6/2/14 00:00:00	92.5%	91%	99.5%	98%
6/2/14 00:00:00	6/9/14 00:00:00	90%	91%	99.6%	99.6%
6/9/14 00:00:00	6/16/14 00:00:00	97.7%	95%	99.3%	96.7%



ND POT fraction and Live Time Fraction





FD POT Fraction and Live Time Fraction

